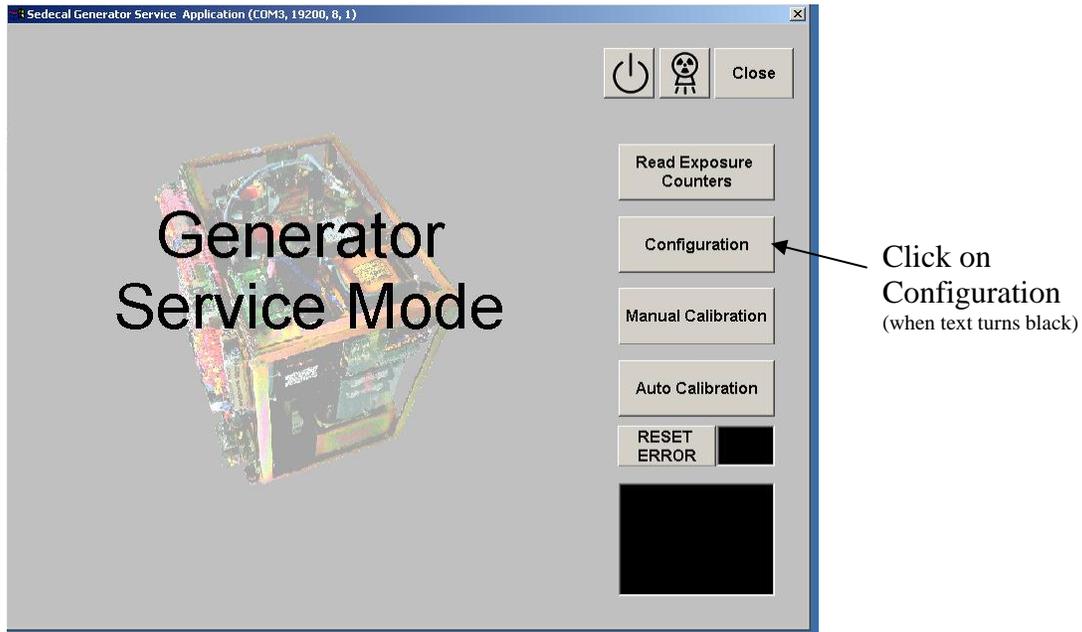




# Digital Vet Generator Calibration “Quick Guide”

For more complete information please consult the Sedecal Generator Service Manual

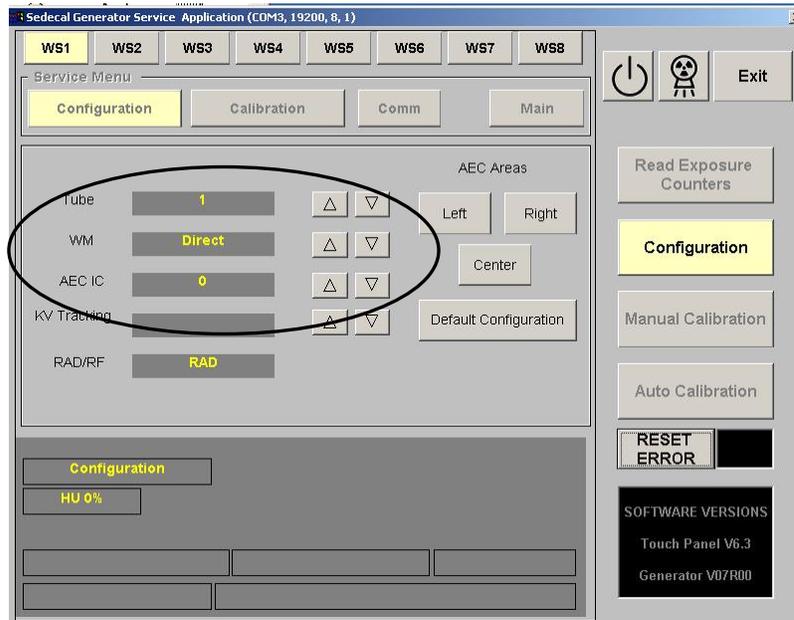


If the words are not highlighted (do not turn black) after 60 sec., hold down the “hidden key” on the Touch screen for 5 sec and enter 2434. Press the Generator Service key and proceed with the calibration using the computer screen as directed in this guide.

Using the up/down arrows

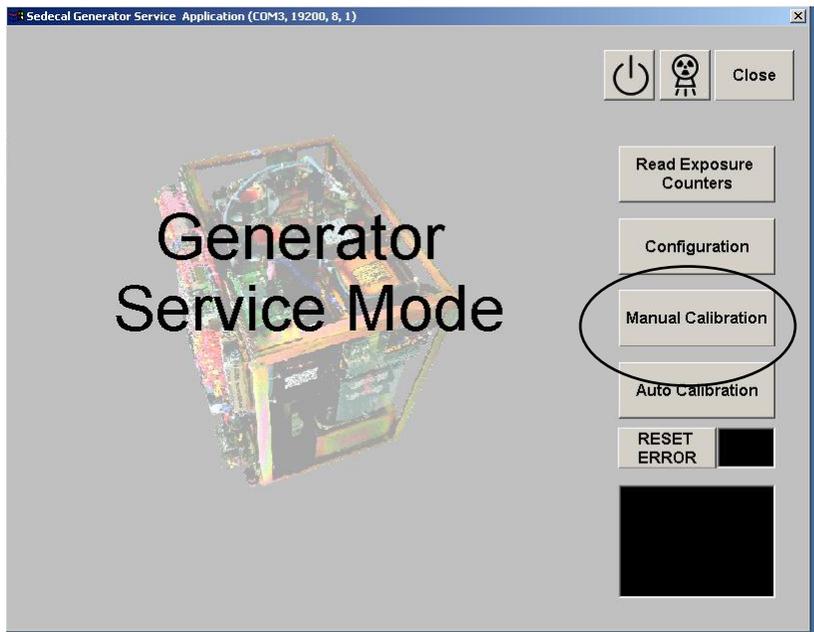
Set Tube to 1  
Set WM to Bucky 1  
Set AEC IC to 1

To save settings and exit  
press Configuration again

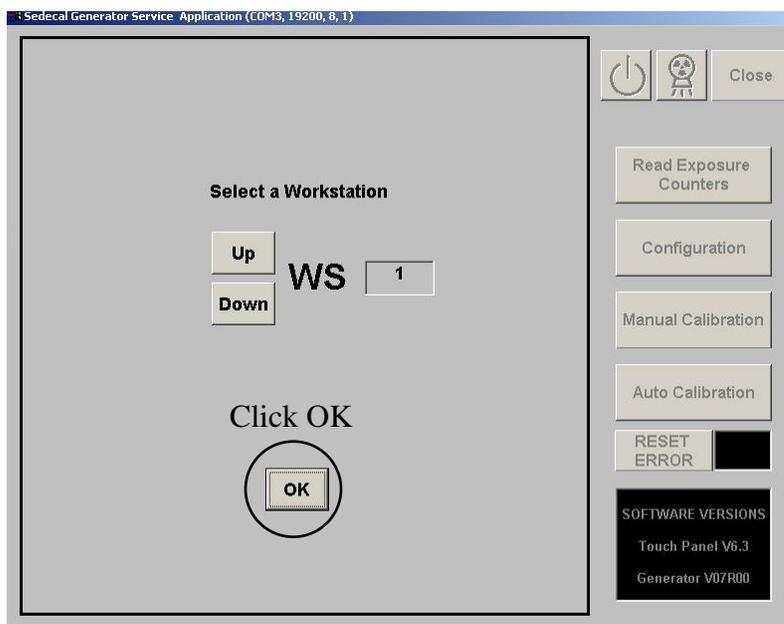


# Digital Vet Generator Calibration “Quick Guide”

For more complete information please consult the Sedecal Generator Service Manual



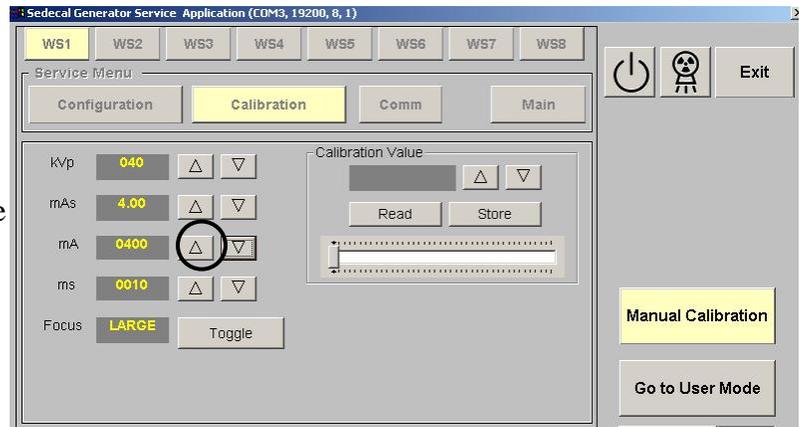
Press Manual Calibration



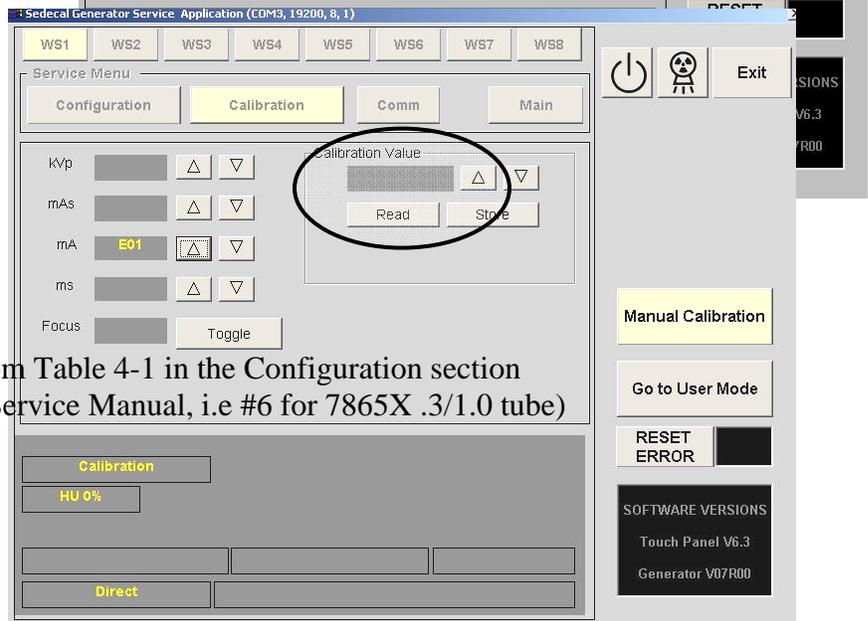
# Digital Vet Generator Calibration “Quick Guide”

For more complete information please consult the Sedecal Generator Service Manual

Use the mA UP arrow and increase mA value until EO1 is displayed



Continue to increase to EO2, press **Read** and make adjustment / setting change for the X-ray tube in use (Tube values are obtained from Table 4-1 in the Configuration section of the HF Series Generator Service Manual, i.e #6 for 7865X .3/1.0 tube)



Continue to increase mA and press read at each station and adjust values to read:

EO3 – 201

EO4 – 70

EO5 – 206

EO6 – 200

EO7 – 32 (kW ratings of generator)

E15 – enter in the correct value for the length of the HT cables used, as found in the Calibration section in the Service Manual. i.e 6M = 31 9M = 38

**SERVICE NOTE for 7865X tube: Decrease mA down to 64mA, press Toggle, then press Confirm. New cross over should be Small 50mA / Large 64mA.**

Use the mA down arrow to return the mA value to 10 and change the kVp value to 50. Press Read and make adjustments for the value to be set between 500 and 512. Take a test exposure to verify the system is operational before going on into Auto Calibration mode.

Exit by pressing Manual Calibration

# Digital Vet Generator Calibration “Quick Guide”

For more complete information please consult the Sedecal Generator Service Manual

**Generator Service Mode**

Press Auto Calibration and follow the prompts as shown:

**Select a Workstation**

Up WS 1  
Down

Click OK

**Select focus for mA auto calibration**

Small Large OK

Or extended memory location for auto calibration

Up E 1 OK  
Down

Cancel

**You are about to enter the autocalibration procedure.**

For mA auto calibration, it initializes all the calibrated currents for the focus selected.

For extended memory location auto calibration, it initializes its value.

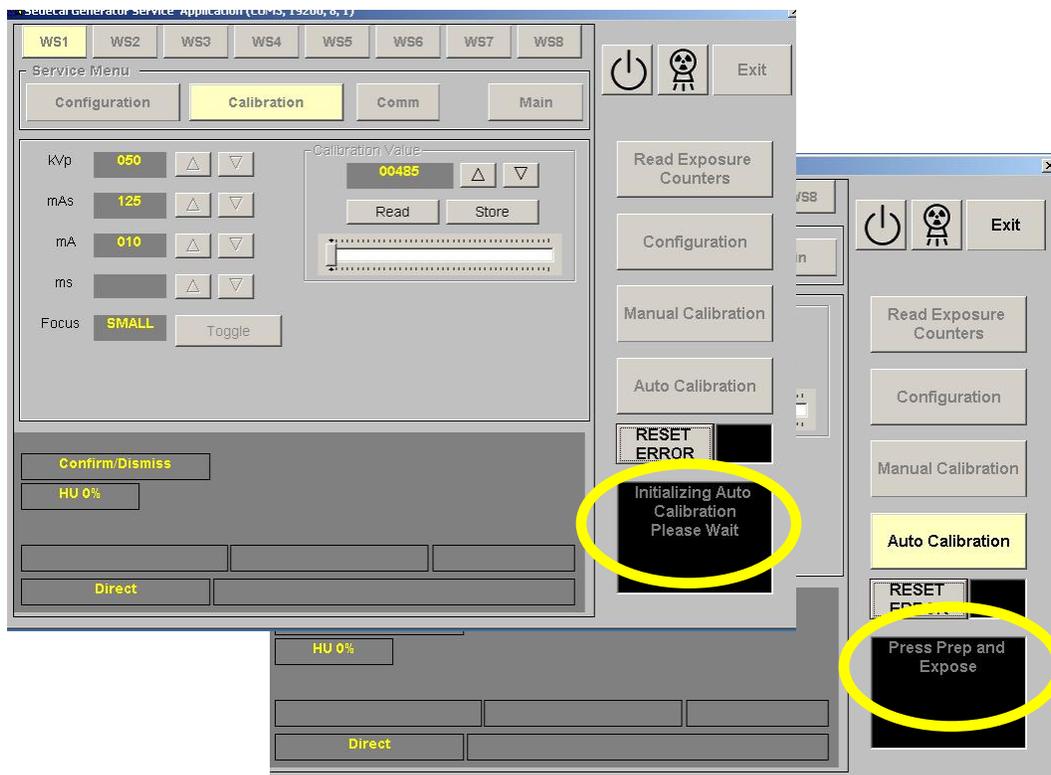
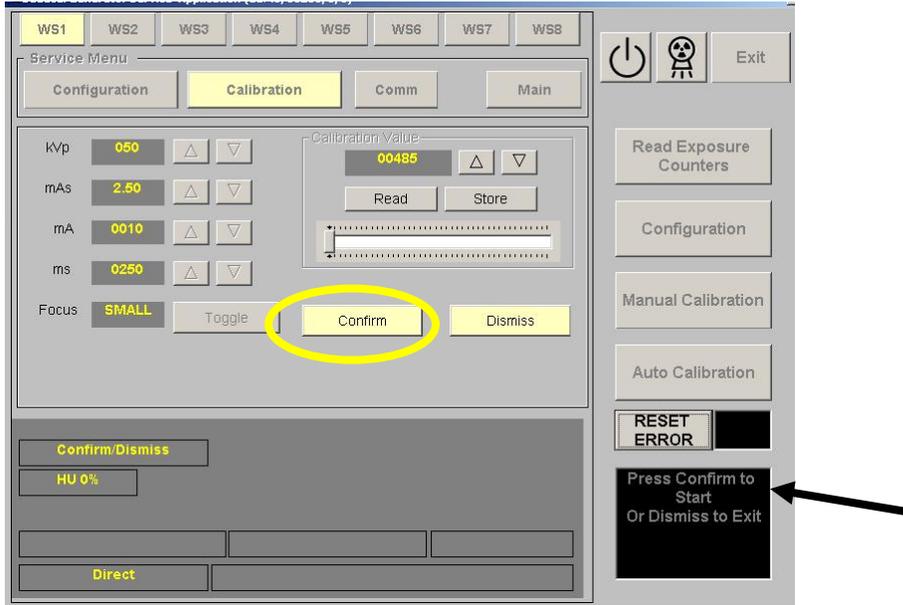
Do you want to continue?

Yes No

SOFTWARE VERSIONS  
Touch Panel V6.3  
Generator V07R00

# Digital Vet Generator Calibration “Quick Guide”

For more complete information please consult the Sedecal Generator Service Manual

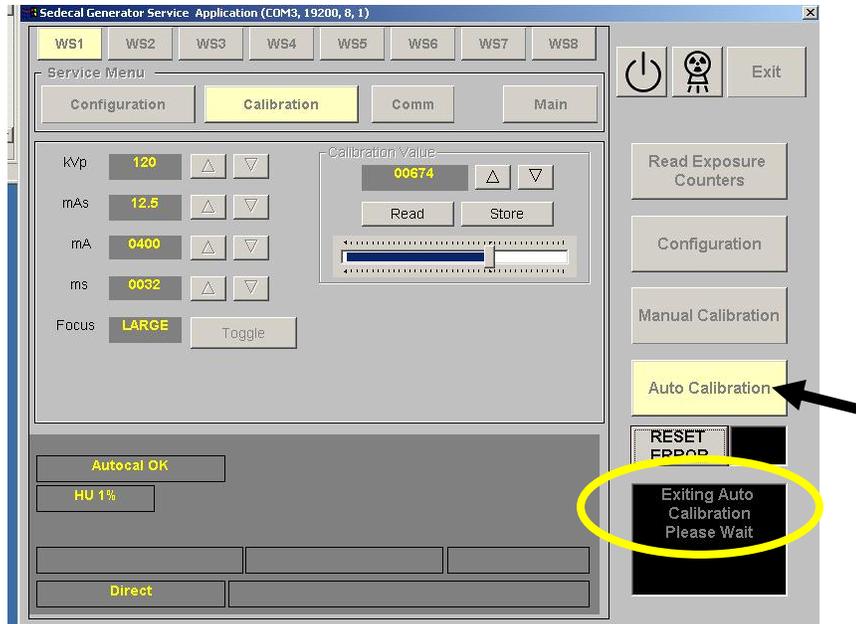


Once **Prep and Expose** are displayed press and **HOLD** the exposure pedal.  
This may take 10 to 15 min. to complete the small focal spot calibration.

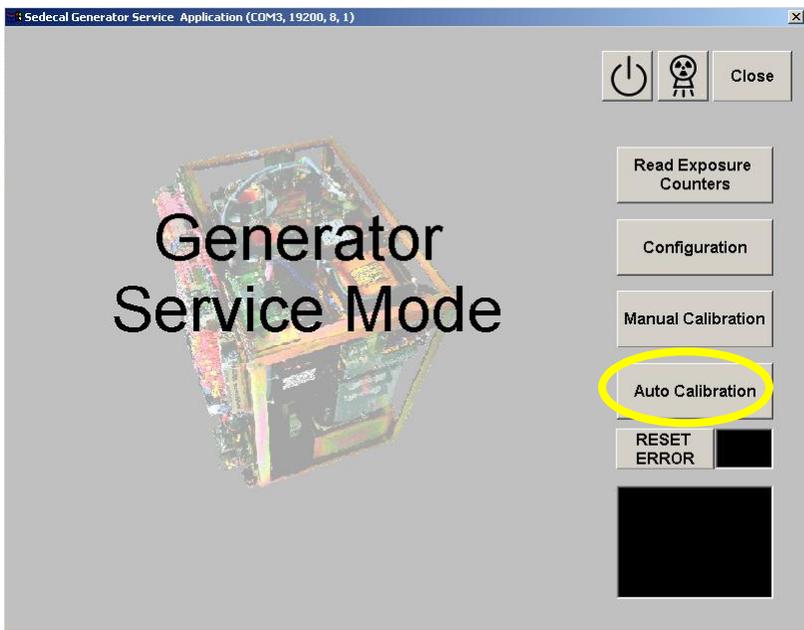
# Digital Vet Generator Calibration “Quick Guide”

For more complete information please consult the Sedecal Generator Service Manual

When the Small Focal Spot Calibration is complete, press Auto Calibration.  
This will store and exit allowing you to calibrate the Large Focal Spot.



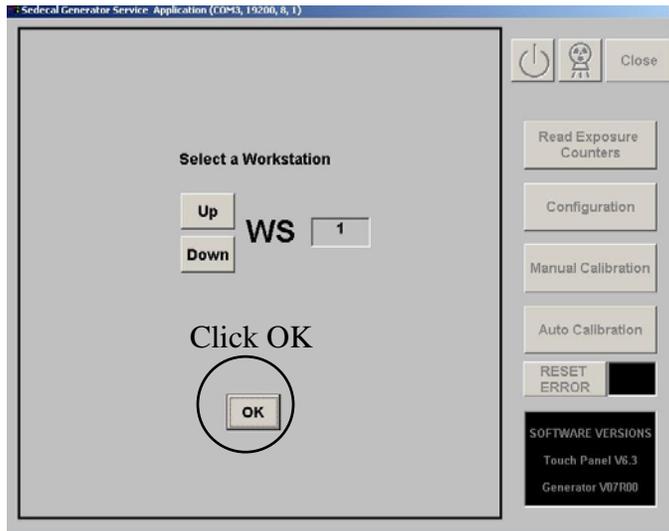
Restart Auto Calibration for Large Focal Spot Calibration.



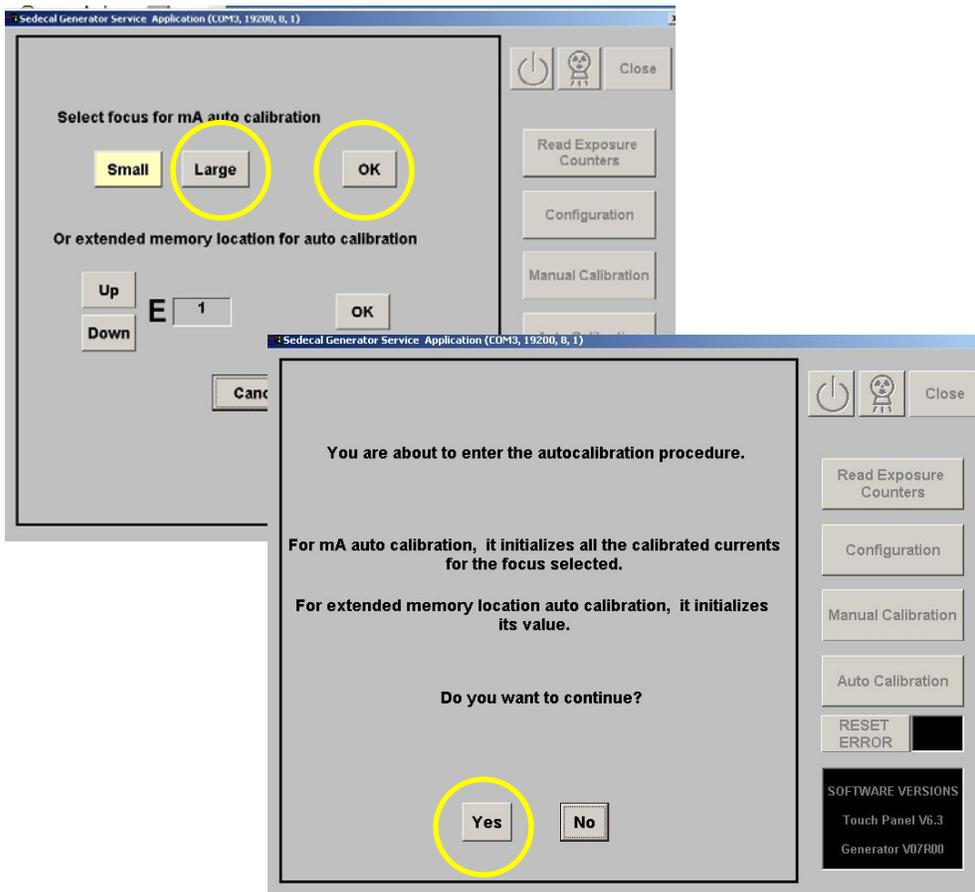
Press Auto Calibration and follow the prompts as shown:

# Digital Vet Generator Calibration “Quick Guide”

For more complete information please consult the Sedecal Generator Service Manual

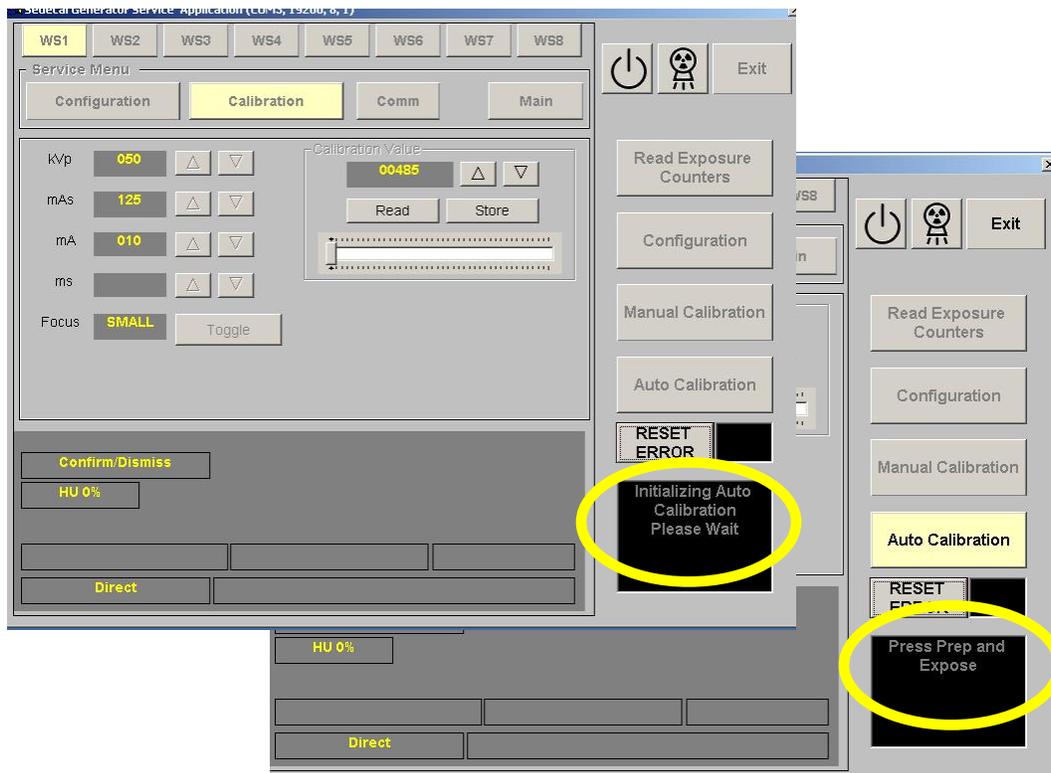
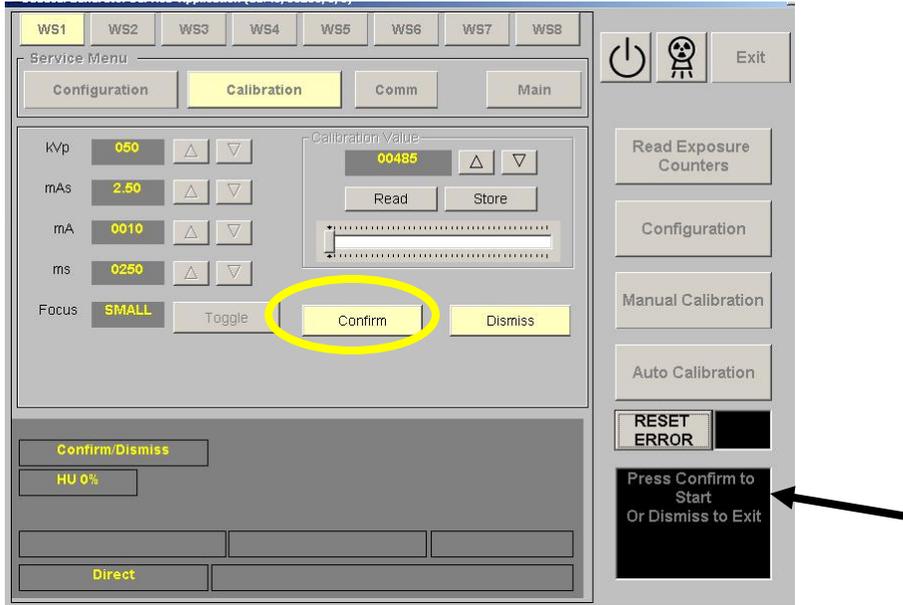


Select the Large Focal Spot and press OK.



# Digital Vet Generator Calibration “Quick Guide”

For more complete information please consult the Sedecal Generator Service Manual



Once **Prep and Expose** are displayed press and **HOLD** the exposure pedal.  
This may take 5 to 10 min. to complete the large focal spot calibration.

When complete press Auto Calibration to store and exit.

# Digital Vet Generator Calibration “Quick Guide”

For more complete information please consult the Sedecal Generator Service Manual

## VERY IMPORTANT:

**Re-Set Dip Switches on ATP SW2 & HT 300 SW2 (with power off to generator)**

<b>ATP SW2</b>	1 2 3 4	<b>HT 300 SW2</b>	8 7 6 5 4 3 2 1
	x    x		x x x x x x x
			Off/Up
	x x		x*
			On/Down

\* if 7865X .3/1.0 tube

This completes the generator calibration procedure.

With the power off to the generator replace the generator cover and secure with the accompanying screws.

Close all the screens and proceed to Calibrating the Digital Sensor:

- 1<sup>st</sup> run the Raysis DIAGNOSTIC program from the C: program files\maxxvue
- 2<sup>nd</sup> run the Raysis CALIBRATION program from the C: program files\maxxvue

Please refer to the Maxxray Operation Manual page 21